AACPS Educational Technology Cohort - Loyola College   
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Proposal for

2010-2011 Internship

Summary

I will be completing my internship at Van Bokkelen Elementary School, located in Severn, MD where I currently teach third grade. Van Bokkelen Elementary School is a Title 1 school with a majority of the students receiving FARMS. Teachers are committed to the excellence of learning and go above and beyond to meet the needs of all scholars. As part of Van Bokkelen’s School Improvement Plan, the use of technology in the areas of math and reading will meet the needs of all learners. The 2010-2011 plan will include staff development of technology as provided by myself.

# Focus

Based on an end of the year interest survey from the staff and a discussion with administration, I feel as though the staff is not quite on track in terms of using technology effectively. We have technology such as SMARTboards, projectors, and document cameras, but teachers are not always given the time to utilize these tools to their fullest. When planning my internship, I wanted to consider the entire staff from Pre-K to cultural arts in terms of how it would benefit them. Therefore, curriculum and instruction were the focus of the whole staff development sessions and mini-sessions met the needs of specific individuals and smaller groups. Additionally, I will lead our school’s first technology committee to research technology resources and express needs and concerns of the school.

1. **Staff Development**- Every other month I will conduct a staff wide development session in the computer lab. Teachers will need to bring the pacing guides with them and/or access them online. Teachers will be given time to integrate technology in the pacing guide and create resources. At the beginning of each session, the staff will share what they have used from the previous session.
2. Session 1 (September) *“Activate and Engage all Learners with Technology Part 1” – focus on reading and general ed.*

* Introduce importance of technology
* Web 2.0 resources for all subject areas- ex: podcasting and presentation tools (no blogs/wiki’s because of AACPS restrictions)
* Websites to support reading- ex: online books such as [Tumble Books](http://www.tumblebooks.com/library/asp/customer_login.asp?accessdenied=/library/asp/home_tumblebooks.asp)
* Managing- How to include all students in activity

1. Session 2 (October/November) *“Activate and Engage all Learners with Technology Part 2”- focus on math, science, and social studies*

* Web 2.0 resources- ex: podcasting and presentation tools (no blogs/wiki’s because of AACPS restrictions)
* Video resources- ex: [Teacher Tube](http://www.teachertube.com/), [Brain Pop](http://www.brainpop.com/)
* Websites to support math/science/social studies- ex: [Invention at Play](http://invention.smithsonian.org/centerpieces/iap/index.html)
* Managing- How to include all students in activity

1. Session 3 (January) *“Take a Trip Using Technology” (may require a longer session due to bulk of content)*

* Virtual Field Trips- ex: [Bayville](http://bayville.thinkport.org/default_flash.aspx)
* Web Quests- ex: [WebQuest.org](http://www.webquest.org/)
  + Evaluating Web Quests
* Telecollaborative Projects- connect with scholars around the world – ex: [iEARN](http://media.iearn.org/projects)
* Management of technology

1. Session 4 (March) *“Using Electronic Resources Effectively in Instruction”*

* Incorporating the use of Online Databases- ex: Culture Grams, World Book, etc…
* Copyright and Fair Use
* Managing research in the classroom/ computer lab

1. Session 5 (May/June) *“Work Smarter with Tech Tools”*

* [Rubri Star](http://rubistar.4teachers.org/)- evaluate students by creating a custom made rubric
* [Track Star](http://trackstar.4teachers.org/trackstar/;jsessionid=8259F3270A98BC06F6A213BF23144DD5)- track students
* [Google Docs](http://docs.google.com/demo/edit?id=scAD7z38anMVBt8DhVflQ0heH#document)- collaborate
* Web 2.0 resources such as [Diigo](http://www.diigo.com/index) to organize content/online bookmarking
* End of the year evaluation/celebration

1. **Mini-Sessions-** These sessions will be held to be more specific with the staff’s needs. Sessions will take place either during school hours or before/after school hours.
2. UMBC Interns- Van Bokkelen is a PDS school and hosts a mix of UMBC interns throughout the year. The first Thursday of the month is typically when the intern/mentor meeting takes place. Prior to the session, I will use [SurveyMonkey](http://www.surveymonkey.com/) to collect data on where interns are in terms of technology and their interests.

* Based off the needs of the interns, 1-2 mini sessions will be created. Example of sessions could be: SMARTboard best practices, document camera best practices, Kidspiration/Inspiration software, multimedia tools, etc…

1. PowerPoint- Based off the variety of experiences and staff interest in Power Point, three sessions are open to whomever.

* Session1 : Intro/Basics
* Session 2: Templates online and how to create templates for students
* Session 3: Advance PowerPoint, VBA

1. Differentiating in the Lab - Based off an interest in the end of the year survey, this single session is open to whomever.
2. Informal Meetings/Modeling – Based off team requests there are permanent substitutes available to cover my class so I can work with team planning. I can also work one on one with teachers and model a lesson using technology for their class.
3. **Technology Committee-** This yearI will lead the first technology committee. The committee will meet every other month during the allotted committee meetings time or when the committee feels it would be best to meet. I will recruit a variety of stakeholders from teachers to parents. At the first meeting we will set our vision/goal for the committee. Some topics we may cover during the year:

* Research grant opportunities/ apply for grant(s)
* Create wish list for hardware/software
* Discuss current needs/issues
* Plan for a Technology Plan

# Goals/Objectives

Through my internship, I will be able to meet the following [Technology Facilitator Standards](http://www.iste.org/Content/NavigationMenu/NETS/ForTechnologyFacilitatorsandLeaders/NCATE_Standards.htm) (ISTE). I will also be supporting the Maryland Curriculum with the use of technology.

# Evaluation

At the end of each session, teachers will complete a survey using [SurveyMonkey.com](http://www.surveymonkey.com/) or Google Forms to share the high and low points of the session. From these evaluations, I will reflect on my practices to make learning better at the next session. At the end of the year, the staff will evaluate the program and share needs for the upcoming year. As an [e-coach](http://www.aacps.org/instructionaltech/) for AACPS I will be able to extend the program for the 2011-2012 school year.